Center for Chemical Technology

Director, Edward Walker, Ph.D., Weber State University, Ogden, Utah
(Phone 626-6162, Fax 626-7445, e-mail: ewalker@scinet.weber.edu)

Background

Established in 1990 and functions as an innovative resource to the business community by conducting applied research in a variety of chemistry-related areas leading directly to new/enhanced products. The center facilitates the collaboration of Utah companies with diversified chemical interests to form alliances that benefit them and the state.

FY94-95 Overview

Current

1994-95 Award	**$115,500**
Matching Funds	$604,620
Patents Pending	4
Patents Issued	1
License Agreements	**0**
Spin-off Companies	0
Companies Assisted	17
Industry Jobs	22
Center Jobs Created	11

Cumulative Overview

Cumulative

Awards	$499,500
Matching Funds	$2,160,694
Patents Issued	4
License Agreements	3
Spin-off Companies	2

Technologies

- Natural Product chemistries
- Patented oil-sand separation and remediation
- Bioremediation of toxic wastes using bacteria-derived enzyme systems

Center Highlights

- **Eastman Chemical**, in its first corporate entry into Utah, plans construction of a pilot facility for extracting the nutritional supplement beta carotene contained in algae harvested from the Great Salt Lake. Facility will **employ 20 to 30 people**.
- Construction is planned for a new tar-sand **production facility in Vernal** that is expected to produce 1,000 barrels per day of high-grade bitumen by summer of 1996.
- Corporate partner, Nutraceutical, Inc., has acquired two other companies and moved its manufacturing and marketing to Utah, where **employment** has been **doubled** and **production** has been **tripled**.
- Nutraceutical products developed and tested with the Center gross more **$20 million in annual sales**.
- The Center has **helped launch** a new protein technology company, **Biofractionations**.
- The Center has been **granted four patents**.
- The Center has **license agreements** with three companies.
- Major **contracts** have been signed with **TRW** and **AORC** to study environmental fate of azide impacted landfill soils.